Emissions Inventory EXAMPLE: Roofing Asphalt

(*You may use this form for reporting.)*

General Process Form 2004

Permit number(s) _____

Place an X in any gray cell to mark data requested to be held confidential. See Instructions for requirements for information to be deemed confidential.

1- Process ID _____

2- Process Type/Description: ***Asphalt used for roofing***

3- Stack ID(s) *(only if required on Stack Form)* **NA** _____ _____ _____ _____

4- Process TIER Code: ***080602*** **SOLVENT UTILIZATION, NONINDUSTRIAL, OTHER ASPHALT**

5- SCC Code **(none)** *(8 digit number)* _____

6- Seasonal Throughput Percent: Dec-Feb _____% Mar-May _____% Jun-Aug _____% Sep-Nov _____%

7- Normal Operating Schedule: Hours/Day _____ Days/Week _____ Hours/Year _____ Weeks/Year _____

8- Typical Hours of Operation *(military time)* Start _____ End _____

9- Emissions based on (name of material or other parameter) (e.g. *"rock", "diesel", "vehicle miles traveled"*) ***roofing asphalt***

10- ☒ Used (input) or ☐ Produced (output) or ☐ Existing (e.g. VMT, acres)

11- Annual Amount *(a number)* _____ **12-** Fuel Sulfur Content (in percent) _____

13- Unit of Measure *(for example: tons, gallons, 1000 cu ft, acres, units produced, etc.)* ***tons***

14- Unit Conversion Factor *(if needed to convert Unit of Measure to correlate with Emission Factor Unit)* _____

	Emission Factor (EF) Information				Control Device Information					
15	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**
Pollutant	Emission Factor (EF) (number)	Emission Factor Unit (lb per)	Controlled EF? Yes or No	Calculation Method Code*	Capture% Efficiency	Primary Control Device ID	Secondary Control Device ID	Control Device(s) % Efficiency	Efficiency Reference Code**	Estimated Actual Emissions
VOC	***20***	***ton***	***No***	***6***						lb

How to calculate emissions: *Multiply annual usage (line #11, in tons) × 20 (lbs/ton, column #16) = column #25, Estimated emissions.*

Example: 100 tons of asphalt x 20 lb/ton = 2000 lb of VOC emissions

***Calculation Method Codes**

1 = Continuous Emissions Monitoring Measurements
2 = Best Guess/ Engineering Judgment
3 = Material Balance
4 = Source Test Measurements (Stack Test)
5 = AP-42/ FIRE Method or Emission Factor
6 = State or Local Agency Emission Factor
7 = Manufacturer Specifications
8 = Site-Specific Emission Factor
9 = Vendor Emission Factor
10 = Trade Group Emission Factor

****Control Efficiency Reference Codes**

1 = Tested efficiency / EPA reference method
2 = Tested efficiency / other source test method
3 = Design value from manufacturer
4 = Best guess / engineering estimate
5 = Calculated, based on material balance
6 = Estimated, based on a published value